

NEWSLETTER

of the WISCONSIN ENTOMOLOGICAL SOCIETY

Volume 25, Number 1

May 1998

NEXT MEETING TO BE AT UW-OSHKOSH ON JUNE 13

The next meeting of the Wisconsin Entomological Society will be held on Saturday, June 13 at the UW-Oshkosh Campus. It will begin at 1:00 PM in room 260 of the Halsey Science Center. From Highway 41, exit onto Highway 21 East (also called Omro Road) which connects to Oshkosh Avenue. Take Oshkosh Avenue across the bridge and turn right on High Avenue, which runs thru the campus. Turn left on Woodland Avenue and go two blocks to the corner of Woodland and Elmwood. Halsey Science Center is on the corner. Parking is available in lot numbers 11, 17, 25, 27 and 29, all nearby (see map on back of Newsletter).

Anita Carpenter will present a slide show featuring her outstanding insect photos. Beside having winning entries in the WES Photo Salon, her work has appeared in Wisconsin Natural Resources magazine. She will also discuss a new state record dragonfly (*Williamsonia lintneri*) she documented four years ago but was just recently identified. Les Ferge will give a presentation on moth survey highlights of the past few years. The UW-Oshkosh insect collection will also be open for viewing.

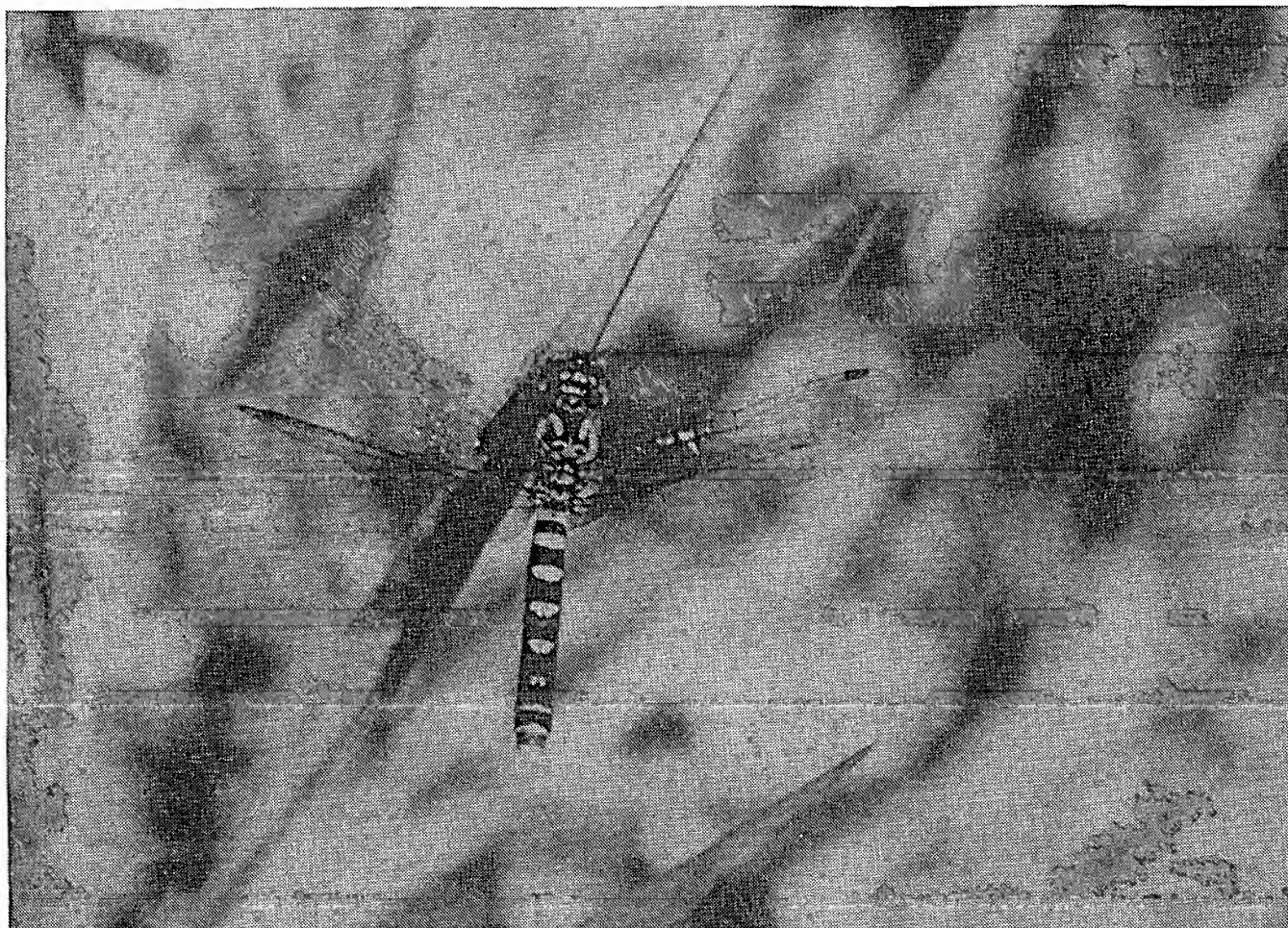
ANNUAL MEETING NOTES

"Election" of officers took place at the annual meeting last December. Since there were no new nominations or volunteers, last year's officers were voted in for another term. The officers for 1998 are: President, Phil Pellitteri; Vice-President, Gene Drecktrah; Secretary, Carol Ferge; and Treasurer, Tom Rocheleau. The winning entries in our Annual Photo Salon appear on the next page.

1998 DUES NOTICE

Enclosed in this Newsletter is your dues envelope for 1998. Your prompt attention will be most appreciated. Dues are to be sent directly to the Treasurer, Tom Rocheleau, 3100 Buena Vista St, Madison, WI 53704. To determine your status, please check the address label on this Newsletter. Appearing after your name will be the last year dues are paid for and your membership category (Individual, Family, Sustaining or Patron). Also be sure to notify us of any address changes or corrections when you send in your dues, or notify us at the address below.

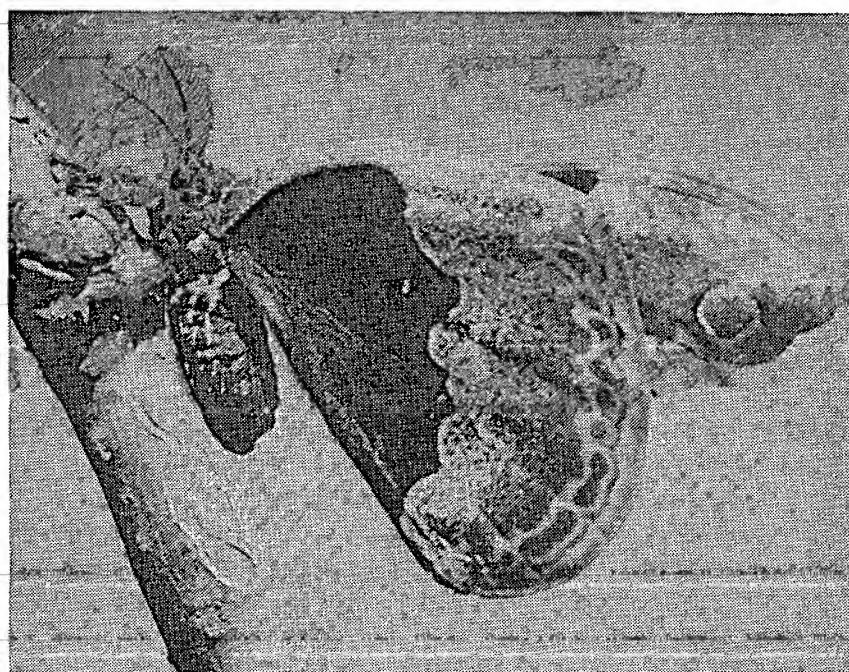
The Newsletter of the Wisconsin Entomological Society is published twice a year. It is provided to encourage and facilitate the exchange of information by the membership, and to keep the members informed of the activities of the organization. Members are strongly encouraged to contribute items for inclusion in the Newsletter. Please send all news items, notes, new or interesting insect records, season summaries, research requests, and report any address changes to the editor: Les Ferge, 7119 Hubbard Avenue, Middleton, WI 53562. e-mail lesferge@juno.com



ELFIN SKIMMER - KARL LEGLER (1st place)



SATYR ANGLEWING - LES FERGE (2nd place)



PROMETHEA MOTH - JANICE STIEFEL (3rd place)

1997 WISCONSIN LEPIDOPTERA SEASON SUMMARY

Coordinator: Les Ferge (LAF). Contributors: Robert J. Borth (RJB), Mathew Brust (MB), James E. Ebner (JAE), James J. Kruse (JJK), Karl and Dorothy Legler (KDL), James C. Parkinson (JCP), Tom Rocheleau (TR), Janice Stiefel (JS), Ann & Scott Swengel (SAS). Determinations provided by George J. Balogh (GJB), Eric H. Metzler (EHM) and Mogens C. Nielsen (MCN).

The season was slow to get underway due to cool spring weather, but warmed abruptly in early June. Many spring species appeared later than average. Summer weather was uneventful, with moderate temperatures and rainfall. Mild conditions continued well into October, with the season ending by 1 November. The Swengels reported a good year for Monarchs, which were present from 31 May (Sauk Co.) through 20 October (Wood Co.), and Ebner found them common to abundant all through September. A few migratory butterfly species appeared, with single individuals or small numbers of *Eurema lisa*, *Nathalis iole*, *Euptoieta claudia*, *Vanessa cardui* and *Junonia coenia* being recorded in southern counties later in the season. *Noctua pronuba*, an introduced European Noctuid, continues to spread, and is now known from three counties.

MONA No.	SPECIES NAME	COUNTY	LOCALITY	DATE	COLL	COMMENT
BUTTERFLIES						
4006	<i>Oarisma powesheik</i> (Parker)	Green Lake	Puchyan Prairie	18 Jul 1997	TR	
4020	<i>Hesperia comma laurentina</i> (Lyman)	Price	Fifield Twp.	9 Aug 1997	LAF	county record
4027	<i>Hesperia metea</i> Scudder	Jackson	Black River Falls	27 May 1997	JAE	
4052	<i>Problema byssus</i> (Edwards)	Grant	Dewey Heights Prairie	15 Jul 1997	SAS	
4058	<i>Poanes massasoit</i> (Scudder)	Green Lake	Puchyan Prairie	18 Jul 1997	TR	
4058	<i>Poanes massasoit</i> (Scudder)	Trempealeau		16 Jul 1997	KDL	
4064	<i>Poanes viator</i> (Edwards)	Green Lake	Puchyan Prairie	18 Jul 1997	TR	
4064	<i>Poanes viator</i> (Edwards)	Fond du Lac		24 Jul 1997	KDL	
4072	<i>Euphyes dion</i> (Edwards)	Trempealeau		16 Jul 1997	KDL	
4075	<i>Euphyes conspicua</i> (Edwards)	Green Lake	Puchyan Prairie	18 Jul 1997	TR	
4077	<i>Euphyes bimacula</i> (Grote & Robinson)	Green Lake	Puchyan Prairie	5 Jul 1997	TR	
4080	<i>Atrytonopsis hianna</i> (Scudder)	Dunn	Caryville	8 Jun 1997	JCP	county record
4096	<i>Amblyscirtes hegon</i> (Scudder)	Iron	Oma Twp.	11 Jun 1997	LAF	county record
4096	<i>Amblyscirtes hegon</i> (Scudder)	Price	Fifield Twp.	8 Jun 1997	LAF	county record
4237	<i>Eurema lisa</i> (Boisduval & LeConte)	Crawford	Prairie du Chien	23 Aug 1997	JCP	
4248	<i>Nathalis iole</i> Boisduval	Crawford	Prairie du Chien	23 Aug 1997	JCP	
4249	<i>Feniseca tarquinius</i> (Fabricius)	Price	Fifield Twp.	10 Jun 1997	LAF	
4260	<i>Lycaena epixanthe</i> (Boisduval & LeConte)	Price	Fifield Twp.	9 Aug 1997	LAF	county record
4278	<i>Satyrus acadicum</i> (Edwards)	Green Lake	T17N, R11E, Sec 14	18 Jul 1997	TR	
4278	<i>Satyrus acadicum</i> (Edwards)	Waukeshara	T18N, R9E, Sec 1	18 Jul 1997	TR	
4325	<i>Incisalia irus</i> (Godart)	Jackson	Jackson County Forest	6 May 1997	SAS	
4325	<i>Incisalia irus</i> (Godart)	Wood	Hwy. X	26 May 1997	SAS	
4362	<i>Everes amyntula</i> (Boisduval)	Burnett	Blaine Twp.	14 Jun 1997	JCP	
4374	<i>Lycaeides idas nabokovi</i> Masters	Marinette	Goodman	16 Jul 1997	JAE	
4391	<i>Calephelis muticum</i> McAlpine	Fond du Lac		23 Jul 1997	KDL	16 counted
4410	<i>Libytheana bachmanii</i> (Kirtland)	Grant	Cassville	12 Sep 1997	JCP	
4410	<i>Libytheana bachmanii</i> (Kirtland)	Grant		31 Aug 1997	KDL	
4423	<i>Polygonia faunus</i> (Edwards)	Price	Fifield Twp.	31 Aug 1997	LAF	
4435	<i>Vanessa cardui</i> (Linnaeus)	Waukesha	Okauchee	8 Sep 1997	JAE	
4435	<i>Vanessa cardui</i> (Linnaeus)	Sauk	Int. Crane Foundation	4 Oct 1997	SAS	
4440	<i>Junonia coenia</i> (Hubner)	Sauk	Int. Crane Foundation	5 Jul 1997	SAS	
4440	<i>Junonia coenia</i> (Hubner)	Grant	Cassville	12 Sep 1997	JCP	
4452	<i>Speyeria idalia</i> (Drury)	Portage	Buena Vista Marsh	2 Jul 1997	SAS	
4452	<i>Speyeria idalia</i> (Drury)	St Croix	Hudson, Richmond Twps.	7 Jul 1997	SAS	
4452	<i>Speyeria idalia</i> (Drury)	Columbia	Pine Island WA	11 Jul 1997	SAS	
4452	<i>Speyeria idalia</i> (Drury)	Crawford	Hogback Prairie	15 Jul 1997	SAS	
4452	<i>Speyeria idalia</i> (Drury)	Trempealeau		16 Jul 1997	KDL	county record
4466	<i>Boloria frigga</i> (Thunberg)	Price	Fifield Twp.	9 Jun 1997	LAF	
4471	<i>Boloria freija</i> Thunberg	Price	Fifield Twp.	9 Jun 1997	LAF	

MONA No.	SPECIES NAME	COUNTY	LOCALITY	DATE	COLL	COMMENT
4489	<i>Chlosyne gorgone carlota</i> (Reakirt)	Jackson	Black River Falls	27 May 1997	JAE	
4489	<i>Chlosyne gorgone carlota</i> (Reakirt)	Fond du Lac		24 Jul 1997	KDL	138 counted
4491	<i>Chlosyne hamisii</i> (Scudder)	Portage	Dewey Marsh	21 Jun 1997	JCP	
4516	<i>Euphydryas phaeton</i> (Drury)	Waushara	T18N, R10E, Sec 26	5 Jul 1997	TR	
4583	<i>Coenonympha tullia inornata</i> (Edwards)	Taylor		11 Jul 1997	KDL	county record
4596	<i>Erebia discoidalis</i> (Kirby)	Price	Fifield Twp.	8 Jun 1997	LAF	
4611	<i>Oeneis jutta ascerta</i> Masters & Sorenson	Ashland	Shanagolden Twp.	13 Jun 1997	LAF	
4611	<i>Oeneis jutta ascerta</i> Masters & Sorenson	Price	Fifield Twp.	10 Jun 1997	LAF	
4614	<i>Danaus plexippus</i> (Linnaeus)	Green Lake	Puchyan Prairie	18 Jul 1997	TR	
4614	<i>Danaus plexippus</i> (Linnaeus)	Price	Fifield Twp.	31 Aug 1997	LAF	
4614	<i>Danaus plexippus</i> (Linnaeus)	Waukesha	Okauchee	21 Jun 1997	JAE	
M O T H S						
Thyrididae						
6236	<i>Habrosyne gloriosa</i> (Gn.)	Grant	Dewey Heights Prairie	24 May 1997	LAF	
Geometridae						
6256	<i>Archicaris infans</i> (Mosch.)	Price	Fifield Twp.	10 May 1997	LAF	county record
6353	<i>Semiothisa multilineata</i> (Pack.)	Grant	Dewey Heights Prairie	22 Aug 1997	LAF	
6353	<i>Semiothisa multilineata</i> (Pack.)	Dane	Walking Iron Co. Park	25 Aug 1997	TR	county record
6386	<i>Semiothisa ocellinata</i> (Gn.)	Grant	Dewey Heights Prairie	24 May 1997	LAF	
6680	<i>Cabera quadrifasciaria</i> (Pack.)	Jackson	Black River Falls	14 Jun 1997	JCP	county record
7136	<i>Cyclophora packardii</i> (Prout)	Dane	Walking Iron Co. Park	11 Jun 1997	TR	
7140	<i>Cyclophora nanaria</i> (Wlk.)	Manitowoc	Point Beach State Forest	11 Oct 1997	LAF	county record
7140	<i>Cyclophora nanaria</i> (Wlk.)	Columbia	Rocky Run SNA	1 Sep 1997	TR	county record
7216	<i>Plemyria georgii</i> Hulst	Price	Fifield Twp.	9 Aug 1997	LAF	county record
7218	<i>Thera contractata</i> (Pack.)	Douglas	Superior	5 Sep 1997	LAF	county record
7415	<i>Orthonama evansi</i> (McD.)	Marquette	Comstock Bog	28 Jun 1997	LAF	county record
7437	<i>Operophtera bruceata hyperborea</i> (Hulst)	Sheboygan	Plymouth Twp.	10 Nov 1997	JS	county record
Saturniidae						
7709	<i>Sphingicampa bicolor</i> (Harr.)	Grant	Cassville	24 May 1997	JCP	
7723	<i>Anisota virginensis</i> (Drury)	Portage	T21N, R10E, Sec 12	14 Jun 1997	TR	
7730	<i>Hemileuca maia</i> (Drury) complex	Marquette	Comstock Bog	4 Oct 1997	LAF	
7768	<i>Hyalophora columbia columbia</i> (Sm.)	Burnett	Blaine Twp.	13 Jun 1997	RJB	county record
Sphingidae						
7775	<i>Manduca sexta</i> (L.)	Dane	Walking Iron Co. Park	1 Aug 1997	TR	
7784	<i>Dolba hyloeus</i> (Drury)	Eau Claire	Eau Claire	8 Jun 1997	JCP	county record
7871	<i>Deidamia inscripta</i> (Harr.)	Columbia	Rocky Run SNA	10 Jun 1997	TR	county record
7884	<i>Darapsa versicolor</i>	Richland	Richwood Twp.	14 Jul 1997	JJK	county record
7893	<i>Hyles gallii</i>	Burnett	Blaine Twp.	13 Jun 1997	RJB	abundant
Notodontidae						
7926	<i>Notodonta scitipennis</i> Wlk.	Burnett	Blaine Twp.	14 Jun 1997	RJB	
7926	<i>Notodonta scitipennis</i> Wlk.	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
8006	<i>Schizura badia</i> (Pack.)	Sheboygan	Plymouth Twp.	26 Jun 1997	JS	county record
8022	<i>Hyparpax aurora</i> (J. E. Smith)	Columbia	Rocky Run SNA	10 Jun 1997	TR	county record
Arctiidae						
8171.1	<i>Apantesis carlotta</i> Fgn.	Dane	Hawk Hill Prairie	31 May 1997	TR	
8188	<i>Grammia figurata</i> (Drury)	Trempealeau	Trempealeau	17 May 1997	JCP	county record
8194	<i>Grammia phyllira</i> (Drury)	Dane	Walking Iron Co. Park	11 Jun 1997	TR	
8195	<i>Grammia oithona</i> (Stkr.)	Dane	Walking Iron Co. Park	11 Jun 1997	TR	
8228	<i>Cycnia inopinatus</i> (Hy. Edw.)	Grant	Dewey Heights Prairie	24 May 1997	LAF	
8228	<i>Cycnia inopinatus</i> (Hy. Edw.)	Columbia	Rocky Run SNA	6 Aug 1997	TR	
8228	<i>Cycnia inopinatus</i> (Hy. Edw.)	Dane	Walking Iron Co. Park	18 Jun 1997	TR	
8228	<i>Cycnia inopinatus</i> (Hy. Edw.)	Green Lake	Puchyan Prairie	8 Aug 1997	TR	
8228	<i>Cycnia inopinatus</i> (Hy. Edw.)	Waushara	T18N, R10E, Sec 26	6 Sep 1997	TR	county record
8254	<i>Pygarcia spraguei</i> (Grt.)	Columbia	Rocky Run SNA	10 Jun 1997	TR	county record
Noctuidae						
8359	<i>Macrochilo bivittata</i> (Grt.)	Marquette	Comstock Bog	28 Jun 1997	LAF	county record
8359	<i>Macrochilo bivittata</i> (Grt.)	Dane	Walking Iron Co. Park	26 Jul 1997	TR	county record
8361	<i>Macrochilo louisiana</i> (Fbs.)	Marquette	Comstock Bog	28 Jun 1997	LAF	county record
8412	<i>Melanomma auricinctaria</i> Grt.	Trempealeau	Trempealeau	29 Jun 1997	LAF	county record
8413	<i>Mycterophora inexplicata</i> (Wlk.)	Oneida	Minocqua Twp.	8 Aug 1997	LAF	county record
8420	<i>Hypenodes caducus</i> (Dyar)	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
8422	<i>Hypenodes palustris</i> Fgn.	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
8423	<i>Hypenodes sombrus</i> Fgn.	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
8428	<i>Dyspyralis nigella</i> (Stkr.)	Grant	Dewey Heights Prairie	17 Jul 1997	LAF	

MONA No.	SPECIES NAME	COUNTY	LOCALITY	DATE	COLL	COMMENT
8430	<i>Parahypenodes quadralis</i> Barnes & McD.	Trempealeau	Trempealeau	29 Jun 1997	LAF	STATE RECORD
8480	<i>Phytometra ernestiana</i> (Blanchard)	Columbia	Rocky Run SNA	1 Sep 1997	TR	county record
8514	<i>Scolecocampa liburna</i> (Gey.)	Dane	Walking Iron Co. Park	1 Aug 1997	TR	
8618	<i>Drasteria graphica atlantica</i> B. & McD.	Burnett	T42N, R14W, Sec 1	14 Jun 1997	RJB	
8698	<i>Zale phaeocapna</i> Franc.	Grant	Cassville	23 May 1997	RJB	
8717	<i>Zale horrida</i> Hbn.	Sheboygan	Plymouth Twp.	23 Jun 1997	JS	
8745	<i>Mocis texana</i> (Morr.)	Marquette	Comstock Bog	3 Oct 1997	LAF	county record
8775	<i>Catocala antinympha</i> (Hbn.)	Marquette	Comstock Bog	3 Oct 1997	LAF	county record
8781	<i>Catocala judith</i> Stkr.	Jackson	Black River Falls	8 Aug 1997	JCP	county record
8792	<i>Catocala vidua</i> (J. E. Smith)	Grant	Dewey Heights Prairie	22 Aug 1997	LAF	county record
8792	<i>Catocala vidua</i> (J. E. Smith)	Dane	Walking Iron Co. Park	6 Oct 1997	TR	
8796	<i>Catocala nebulosa</i> Edw.	Grant	Dewey Heights Prairie	22 Aug 1997	LAF	
8798	<i>Catocala neogama</i> (J. E. Smith)	Jackson	Black River Falls	8 Aug 1997	JCP	county record
8821	<i>Catocala semirelecta</i> Grt.	Door	Bailey's Harbor	8 Sep 1997	JS	
8821	<i>Catocala semirelecta</i> Grt.	Douglas	Superior	5 Sep 1997	LAF	det. MCN
8832	<i>Catocala cara</i> Gn.	Waushara	T18N, R10E, Sec 26	8 Aug 1997	TR	county record
8841	<i>Catocala abbreviata</i> Grt.	Columbia	Rocky Run SNA	6 Aug 1997	TR	county record
8843	<i>Catocala whitneyi</i> Dodge	Columbia	Rocky Run SNA	6 Aug 1997	TR	county record
8844	<i>Catocala amestris</i> Stkr.	Dane	Walking Iron Co. Park	26 Jul 1997	TR	
8844	<i>Catocala amestris</i> Stkr.	Dane	Walking Iron Co. Park	1 Aug 1997	TR	
8844	<i>Catocala amestris</i> Stkr.	Jackson	Black River Falls	8 Aug 1997	JCP	county record
8909	<i>Autographa rubida</i> Ottol.	Burnett	T42N, R14W, Sec 1	14 Jun 1997	RJB	county record
8923	<i>Autographa ampla</i> (Wlk.)	Sheboygan	Plymouth Twp.	30 Jun 1997	JS	county record
8942	<i>Syngrapha rectangula</i> (Kby.)	Door	Bailey's Harbor	12 Jul 1997	JS	
8983.1	<i>Meganola phylla</i> (Dyar)	Dane	Walking Iron Co. Park	26 Jul 1997	TR	
9038	<i>Hyperstrotia villificans</i> (B. & McD.)	Dane	Mazomanie Bottoms	17 Jul 1997	LAF	STATE RECORD det EHM
9061	<i>Cerema cora</i> Hbn.	Columbia	Rocky Run SNA	10 Jun 1997	TR	county record
9070	<i>Amyra octo</i> (Gn.)	Dane	Walking Iron Co. Park	6 Oct 1997	TR	
9127	<i>Spraguea leo</i> (Gn.)	Dane	Walking Iron Co. Park	15 Aug 1997	TR	STATE RECORD
9169	<i>Bagisara rectifascia</i> (Grt.)	Jackson	Black River Falls	26 Jul 1997	LAF	
9169	<i>Bagisara rectifascia</i> (Grt.)	Columbia	Rocky Run SNA	6 Aug 1997	TR	county record
9214	<i>Acronicta falcata</i> (Grt.)	Dane	Walking Iron Co. Park	1 Aug 1997	TR	
9224	<i>Acronicta quadrata</i> Grt.	Marquette	Dunbar Barrens	9 Jul 1997	TR	
9224	<i>Acronicta quadrata</i> Grt.	Douglas	Solon Springs	13 Jun 1997	JCP	
9254	<i>Acronicta afflicta</i> Grt.	Adams	Lake Sherwood	31 May 1997	JCP	county record
9254	<i>Acronicta falcata</i> (Grt.)	Adams	New Rome	31 May 1997	JCP	county record
9266	<i>Acronicta lithospila</i> Grt.	Columbia	Rocky Run SNA	6 Aug 1997	TR	
9266	<i>Acronicta lithospila</i> Grt.	Dane	Walking Iron Co. Park	15 Aug 1997	TR	
9374	<i>Apamea niveivenosa</i> (Grt.)	Green Lake	Puchyan Prairie	8 Aug 1997	TR	
9393	<i>Luperina stipata</i> (Morr.)	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
9393	<i>Luperina stipata</i> (Morr.)	Green Lake	Puchyan Prairie	8 Aug 1997	TR	
9398	<i>Eremobina jocasta</i> (Sm.)	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
9398	<i>Eremobina jocasta</i> (Sm.)	Green Lake	Puchyan Prairie	8 Aug 1997	TR	
9418	<i>Oligia obtusa</i> (Sm.)	Douglas	Superior	5 Sep 1997	LAF	county record
9427	<i>Meropleon diversicolor</i> (Morr.)	Waushara	T18N, R10E, Sec 26	6 Sep 1997	TR	
9427	<i>Meropleon diversicolor</i> (Morr.)	Vilas	Land O' Lakes Twp.	3 Oct 1997	JCP	county record
9428	<i>Meropleon ambifuscum</i> (Newman)	Grant	Dewey Heights Prairie	22 Aug 1997	LAF	county record
9428	<i>Meropleon ambifuscum</i> (Newman)	Columbia	Rocky Run SNA	1 Sep 1997	TR	county record
9428	<i>Meropleon ambifuscum</i> (Newman)	Green Lake	Puchyan Prairie	6 Sep 1997	TR	county record
9428	<i>Meropleon ambifuscum</i> (Newman)	Waushara	T18N, R10E, Sec 26	6 Sep 1997	TR	county record
9429	<i>Lemmeria digitalis</i> (Grt.)	Burnett	Kohler-Peet Barrens	26 Sep 1997	LAF	county record
9429	<i>Lemmeria digitalis</i> (Grt.)	Marquette	Comstock Bog	3 Oct 1997	LAF	county record
9429	<i>Lemmeria digitalis</i> (Grt.)	Richland	Richwood Twp.	5 Oct 1997	JCP	county record
9430	<i>Selicanis cinereola</i> Sm.	Jackson	T21N, R3W, Sec 16	2 Oct 1997	TR	
9434	<i>Spartiniphaga includens</i> (Wlk.)	Dane	Walking Iron Co. Park	26 Jul 1997	TR	county record
9436	<i>Spartiniphaga panatela</i> (Sm.)	Marquette	Comstock Bog	28 Jun 1997	LAF	county record
9441	<i>Chortodes enervata</i> (Gn.)	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
9443	<i>Chortodes defecta</i> (Grt.)	Douglas	Superior	5 Sep 1997	LAF	county record
9443	<i>Chortodes defecta</i> (Grt.)	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
9443	<i>Chortodes defecta</i> (Grt.)	Waushara	T18N, R10E, Sec 26	6 Sep 1997	TR	county record
9450	<i>Archanara subflava</i> (Grt.)	Columbia	Rocky Run SNA	1 Sep 1997	TR	county record
9451	<i>Archanara laeta</i> (Morr.)	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
9464	<i>Papaipema cerina</i> (Grt.)	Marquette	T14N, R9E, Sec 14	12 Sep 1997	TR	county record
9466	<i>Papaipema cataphracta</i> (Grt.)	Marquette	Comstock Bog	3 Oct 1997	LAF	county record
9472	<i>Papaipema harrisii</i> (Grt.)	Waushara	T18N, R10E, Sec 16	6 Sep 1997	TR	county record

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9472	<i>Papaipema harrisii</i> (Grt.)	Douglas	Superior	5 Sep 1997	LAF	county record
9479	<i>Papaipema lysimachiae</i> Bird	Douglas	Superior	5 Sep 1997	LAF	county record
9482	<i>Papaipema speciocissima</i> (G. & R.)	Jackson	Black River Falls	6 Sep 1997	JCP	
9483	<i>Papaipema inquaesita</i> (G. & R.)	Vilas	Land O' Lakes Twp.	3 Oct 1997	JCP	county record
9493	<i>Papaipema appassinata</i> (Harv.)	Marquette	Comstock Bog	10 Sep 1997	LAF	county record
9493	<i>Papaipema appassinata</i> (Harv.)	Waushara	T18N, R10E, Sec 26	6 Sep 1997	TR	county record
9497	<i>Papaipema necopina</i> (Grt.)	Burnett	Kohler-Peet Barrens	26 Sep 1997	LAF	county record
9501	<i>Papaipema eupatorii</i> (Lyman)	Marquette	Comstock Bog	3 Oct 1997	LAF	county record
9501	<i>Papaipema eupatorii</i> (Lyman)	Dane	Walking Iron Co. Park	6 Oct 1997	TR	
9501	<i>Papaipema eupatorii</i> (Lyman)	Jackson	Black River Falls	24 Sep 1997	TR	
9503	<i>Papaipema rigida</i> (Grt.)	Marquette	T14N, R9E, Sec 14	12 Sep 1997	TR	county record
9506	<i>Papaipema sciata</i> Bird	Burnett	Kohler-Peet Barrens	26 Sep 1997	LAF	county record
9508	<i>Papaipema beeriana</i> Bird	Burnett	Kohler-Peet Barrens	26 Sep 1997	LAF	county record
9508	<i>Papaipema beeriana</i> Bird	Green Lake	Puchyan Prairie	6 Sep 1997	TR	county record
9508	<i>Papaipema beeriana</i> Bird	Jackson	T21N, R3W, Sec 16	2 Oct 1997	TR	county record
9516	<i>Hydraecia stramentosa</i> Gn.	Marinette	T37N, R18E, Sec 21	26 Sep 1997	TR	
9557	<i>Chytonix sensilis</i> Grt.	Columbia	Rocky Run SNA	6 Aug 1997	TR	
9557	<i>Chytonix sensilis</i> Grt.	Waushara	T18N, R10E, Sec 16	8 Aug 1997	TR	
9629	<i>Fagitana littera</i> (Gn.)	Marquette	Comstock Bog	28 Jun 1997	LAF	county record
9629	<i>Fagitana littera</i> (Gn.)	Waushara	T18N, R10E, Sec 16	5 Jul 1997	TR	county record
9888	<i>Lithophane innominata</i> (Sm.)	Dane	Phil's Woods Co. Park	15 Apr 1997	LAF	county record
9892	<i>Lithophane disposita</i> Morr.	Dane	Festge Co. Park	27 Mar 1997	TR	
9894	<i>Lithophane oriunda</i> Grt.	Dane	Festge Co. Park	27 Mar 1997	TR	county record
9947	<i>Epiglaea apiata</i> (Grt.)	Marquette	Comstock Bog	3 Oct 1997	LAF	county record
9948	<i>Chaetoglaea cerata</i> Franc.	Burnett	Kohler-Peet Barrens	26 Sep 1997	LAF	county record
9948	<i>Chaetoglaea cerata</i> Franc.	Dane	Walking Iron Co. Park	6 Oct 1997	TR	county record
9948	<i>Chaetoglaea cerata</i> Franc.	Jackson	Black River Falls	2 Oct 1997	TR	
9948	<i>Chaetoglaea cerata</i> Franc.	Bayfield	Moquah Barrens	26 Sep 1997	JCP	county record
9951	<i>Psectraglaea camosa</i> (Grt.)	Marinette	Dunbar Barrens	26 Sep 1997	TR	
9951	<i>Psectraglaea camosa</i> (Grt.)	Bayfield	Moquah Barrens	26 Sep 1997	JCP	
9967	<i>Hillia iris</i> (Zett.)	Douglas	Superior	5 Sep 1997	LAF	county record
10135	<i>Oncocnemis riparia</i> Morr.	Marinette	Dunbar Barrens	9 Jul 1997	TR	
10266	<i>Sideridis congermana</i> (Morr.)	Burnett	T42N, R14W, Sec 1	14 Jun 1997	RJB	
10266	<i>Sideridis congermana</i> (Morr.)	Jackson	Black River Falls	14 Jun 1997	JCP	
10268	<i>Sideridis maryx</i> (Gn.)	Adams	Lake Sherwood	31 May 1997	JCP	county record
10296	<i>Lacanobia nevadae</i> (Grt.)	Price	Fifield Twp.	8 Jun 1997	LAF	county record
10461	<i>Leucania ursula</i> (Forbes)	Grant	Cassville	4 Sep 1992	TR	STATE RECORD
10461	<i>Leucania ursula</i> (Forbes)	Grant	Cassville	22 Aug 1997	JCP, LAF	det. TLM
10863	<i>Euxoa manitobana</i> McD.	Columbia	Rocky Run SNA	5 Jul 1997	TR	county record
10869	<i>Richia grotei</i> (Franc. & Todd)	Grant	Dewey Heights Prairie	22 Aug 1997	LAF	
10869	<i>Richia grotei</i> (Franc. & Todd)	Columbia	Rocky Run SNA	1 Sep 1997	TR	
10869	<i>Richia grotei</i> (Franc. & Todd)	Dane	Walking Iron Co. Park	15 Aug 1997	TR	
11012.1	<i>Noctua pronuba</i> (L.)	Marinette	Wausaukee Twp.	28 Aug 1997	MB	det. LAF
11063	<i>Pyrrhia adela</i> Lafontaine & Mikkola	Grant	Cassville	12 Sep 1997	JCP	county record
11064	<i>Pyrrhia exprimens</i> (Wlk.)	Sheboygan	Mitchell Twp.	18 Jun 1997	JS	ex larva on Prunus
11070	<i>Heliothis subflexus</i> Gn.	Dane	Walking Iron Co. Park	15 Aug 1997	TR	county record
11072	<i>Heliothis phloxiphagus</i> G. & R.	Dane	Walking Iron Co. Park	11 Jun 1997	TR	
11072.1	<i>Heliothis acesias</i> F. & R.	Dane	Walking Iron Co. Park	11 Jun 1997	TR	
11072.1	<i>Heliothis acesias</i> F. & R.	Waushara	T18N, R10E, Sec 26	8 Aug 1997	TR	
11081	<i>Heliothis borealis</i> (Hamp.)	Price	Fifield Twp.	8 Jun 1997	LAF	county record
11095	<i>Schinia indiana</i> (Sm.)	Jackson	Jackson County Forest	12 Jun 1997	SAS	sight record
11095	<i>Schinia indiana</i> (Sm.)	Eau Claire	Eau Claire	8 Jun 1997	JCP	sight record
11141	<i>Schinia thoreau</i> (G. & R.)	Dane	Walking Iron Co. Park	26 Jul 1997	TR	STATE RECORD
11148	<i>Schinia oleagina</i> Morr.	Grant	Dewey Heights Prairie	22 Aug 1997	LAF	
11148	<i>Schinia oleagina</i> Morr.	Columbia	Rocky Run SNA	6 Aug 1997	TR	
11148	<i>Schinia oleagina</i> Morr.	Grant	Cassville	12 Sep 1997	JCP	
11149	<i>Schinia trifascia</i> Hbn.	Marquette	Comstock Bog	15 Aug 1997	LAF	county record
11149	<i>Schinia trifascia</i> Hbn.	Dane	Walking Iron Co. Park	25 Aug 1997	TR	
11164	<i>Schinia florida</i> (Gn.)	Dane	Walking Iron Co. Park	26 Jul 1997	TR	
11174	<i>Schinia lucens</i> (Morr.)	Columbia	Rocky Run SNA	5 Jul 1997	TR	

THE NABA-XERCES FOURTH OF JULY BUTTERFLY COUNT, 1997

The 23rd annual NABA-Xerces Fourth of July Butterfly Count was held in the summer of 1997 and sponsored by the North American Butterfly Association (NABA). Participants in the count conducted a one-day census of all butterflies observed at sites within their count area, a 15-mile diameter circle.

In 1997, 331 counts were held, including one received after the deadline to be published in next year's report. This was a 4% increase from the 318 held in 1996 (including 13 being published in the 1997 report). This continues the pattern of slowing growth in recent years, as the increase was 7% from 1995 to 1996, 17% from 1994 to 1995, and 15% from 1993 to 1994. Still, in the last five years, the program has increased from 221 to 331 counts, a 50% increase! Another milestone just achieved this year was our blast past 1000% growth since the original 29 counts in 1975.

The 293 counts in the U. S. (up from 285 in 1996) occurred in 43 states (counting DC as a state), down slightly from 45 states in 1994-1996. Nevada is the only state that has never had a count. The 33 Canadian counts (up from 29 in 1996-1996) occurred in six provinces (up from 5 in 1995-1996). Mexico set a new record for counts, with 5 in 1997 (4 in 1996, 2 in 1995) in three states. As in 1996, three counts continued their perfect attendance record of reporting in each year of the count program, now 23 years (Berkeley, CA, Gilpin County, CO and Lower Pearl River, LA-MS).

With 23 counts in 1997 (19 in 1996), California has advanced its lead over all other states and provinces. Florida moved up the ranks to second, with 19 counts (15 in 1996), followed by New York, which tied for second last year but slipped too third in 1997, with 18 counts, the same as in 1996. Texas has momentarily dropped out of contention, declining to 10 counts from 18 in 1996. But a number of other states and provinces are close behind, with 16 counts each from Michigan, Ontario, Virginia and Wisconsin.

As usual, the counts with the greatest species diversity were in Mexico, which averaged 116 species, a minimum of 90 and a maximum of 154, just shy of the 1992 record of 169 species. Honors for most species on a count north of Mexico continued between Arizona and Colorado in 1997. The four Arizona counts averaged 70.5 species, with a maximum of 102 on the Ramsay Canyon count. The seven Colorado counts averaged 48 species, with a maximum of 101 on the Gilpin County count. Gilpin County, CO holds the record of 103 species in 1994. Two Arizona counts hold second place, with 102 species at Ramsay Canyon in 1995 and 1997 and Patagonia in 1992.

To order the 1996 report (specify reports desired for previous years), please send a check or money order payable to NABA for \$9.00 (NABA members) or \$13.00 (non-members) for each report (includes postage) to: **4th of July Butterfly Count, 909 Birch Street, Baraboo, WI 53913**. For more information on NABA, the count program, how to conduct a count, and counts in your area, please write, including a self-addressed, stamped business envelope to: **NABA, 4 Delaware Road, Morristown, NJ 07960**.

NATURAL HISTORY WORKSHOPS: The UW-Milwaukee Field Station' Natural History Workshops offer an opportunity to study focused topics at college-level instruction under the guidance of noted authorities. Most workshops present two full days of instruction, housing and meals are available at the station. Enrollment in each session is limited to 20, the atmosphere is informal and instruction is individualized. Workshops may offer options for college credit, or Continuing Education Credits. Fees vary. The following workshops are being offered:

Methods for Description of Vegetation - Dr. Jim Reinartz - 18-22 May 1998

Small Mammal Trapping & Handling - Nicola Anthony & Richard Bautz - 29-30 May 1998

Fishes of Wisconsin: Identification & Ecology - Dr. Tim Ehlinger - 10-11 July 1998

Mosses: Identification & Ecology - Dr. Frank Bowers - 17-18 July 1998

Grasses: Identification & Ecology - Dr. Robert Freckmann - 14-15 August 1998

Wetland Delineation - Don Reed - 21-22 August 1998

Geology of Southeastern Wisconsin - Dr. William Kean - 6-7 November 1998

If you would like to participate, please write or call for additional information:

Dr. James A. Reinartz, UWM Field Station, 3095 Blue Goose Road, Saukville, WI 53080

Phone (414) 675-6844 Fax (414) 675-0337 e-mail: jimr@csd.uwm.edu

MONARCH WATCH is a cooperative network of students, teachers, volunteers and researchers dedicated to the study of the biology and migration of the Monarch Butterfly, *Danaus plexippus*. Monarch Watch participants are involved in tagging of migrating Monarchs, maintaining migration journals, rearing Monarchs for classroom projects and planting milkweed and butterfly gardens. Tagging is the principal activity, with an estimated 49,000 Monarchs tagged by members in 1996. For more information or membership application, contact:

Monarch Watch, c/o O. R. Taylor, Dept. of Entomology, Haworth Hall, University of Kansas,

Lawrence, KS 66045 phone toll-free 1 (888) TAGGING e-mail: monarch@ukans.edu

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